

CATALOGUE OF MIDDLE PALAEZOIC TYPES AND FIGURED  
SPECIMENS IN THE NATIONAL MUSEUM OF VICTORIA,  
PART 2

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**Class Carpoidea**

<i>Rutroclypeus junori</i> Withers.	P 13681
Lower Devonian.	
Collins' Quarry. 1½ miles NW. of Kinglake West P.O., on the W. bank of King Parrot Ck where crossed by the N. boundary of the Parish of Kinglake, Victoria.	
Mil. Map Kinglake Sheet, Grid Ref. 254, 799.	
Holotype.	
Withers, R. B., 1933. <i>Proc. Roy. Soc. Vict.</i> 45: 18-22, Pl. 5, fig. 1, text fig. p. 20.	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 1, fig. 1, 3, text fig. 6.	
<i>Rutroclypeus junori</i> Withers.	P 13682
Lower Devonian.	
Collins' Quarry, Kinglake West, Victoria.	
Paratype.	
Withers, R. B., 1933. <i>Proc. Roy. Soc. Vict.</i> 45: 18-22, Pl. 5, fig. 2.	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 2, fig. 2-3.	
<i>Rutroclypeus junori</i> Withers.	P 16792
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Hypotype.	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 1, fig. 2.	
Explanation of plate reads 'holotype' instead of 'hypotype'.	
<i>Rutroclypeus victoriae</i> Gill and Caster.	P 16441-2
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Holotype (Counterparts. P 16441 antianal surface. P 16442 anal surface).	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 2, fig. 1 (antianal surface), Pl. 3, fig. 2 (latex cast of antianal surface), Pl. 4, fig. 1 (anal surface), Pl. 5, fig. 1 (latex cast of anal surface), Pl. 7 (stereoscopic pair of latex cast of antianal surface), text fig. 2, 8.	
<i>Rutroclypeus victoriae</i> Gill and Caster.	P 16443-4
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Paratype A (P 16443 figured; counterpart P 16444).	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 4, fig. 2, 3 (latex cast).	

<i>Rutroclypeus victoriae</i> Gill and Caster.	P 16883-4
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Paratype B (counterparts, P 16884 figured).	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 3, fig. 3.	
<i>Rutroclypeus victoriae</i> Gill and Caster.	P 16451
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Figured specimen.	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 3, fig. 1.	
<i>Rutroclypeus victoriae?</i> Gill and Caster.	P 17423
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Figured specimen.	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 4, fig. 4 (latex cast), 5.	
<i>Rutroclypeus (?) withersi</i> Gill and Caster.	P 16452-3
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Holotype (External moulds of portions of the anal and antianal surfaces).	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 5, fig. 2 (latex cast), 3.	
<i>Rutroclypeus (?) withersi</i> Gill and Caster.	P 16450-1
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Paratype (counterparts).	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 5, fig. 4; Pl. 6, fig. 1.	
<i>Victoriacystis wilkinsi</i> Gill and Caster.	P 16787-8
Upper Silurian.	
Locality F41-42, Dargile Beds, Parish of Heathcote, Victoria.	
Holotype. (P 16787 carapace, P 16788 plastron.)	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 8, fig. 1, 2 (latex cast of plastron); Pl. 9, fig. 2 (carapace); Pl. 10, fig. 2 (latex cast of carapace), text fig. 11.	
<i>Victoriacystis wilkinsi</i> Gill and Caster.	P 16904
Upper Silurian.	
Locality F41-42, Dargile Beds, Parish of Heathcote, Victoria.	
Paratype.	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 9, fig. 1 (latex cast).	
<i>Victoriacystis aff. wilkinsi</i> Gill and Caster.	P 16880-1
Lower Devonian.	
Middendorp's Quarry, Kinglake West, Victoria.	
Figured specimen (P 16880 carapace, P 16881 plastron).	
Gill, E. D., and Caster, K. E., 1960. <i>Bull. Amer. Paleont.</i> 185, Pl. 10, fig. 1 (latex cast), 3.	

## Class Asteroidea

- Baliactis flemingtonensis* (Withers and Keble). P 13813  
 Upper Silurian (Melbournian).  
 Flemington (= Moonee Ponds Creek), Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 11, fig. 3, text fig. 7. '*Palasterina flemingtonensis*'.  
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Eoactis stachi* (Withers and Keble). P 13811  
 Upper Silurian (Melbournian).  
 Corner of Collins Place and Flinders Street, Melbourne, Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl.  
 11, fig. 4. '*Palasterina stachi*'.  
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Eoactis stachi* (Withers and Keble). P 13812  
 Upper Silurian (Melbournian).  
 Corner of Collins Place and Flinders Street, Melbourne, Victoria.  
 Paratype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl.  
 11, fig. 6. '*Palasterina stachi*'.
- Lepidaster australis* (Withers and Keble). P 13805-6  
 Silurian.  
 Cutting on Yan Yean to Arthur's Creek Road,  $\frac{1}{3}$  mile E. of junction to Doreen,  
 Victoria. Mil. map Ref. 178, 660.  
 Holotype (counterparts, P 13806 figured. 'Syntypes' of Withers and Keble).  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl.  
 10, fig. 6, text fig. 1, 3. '*Hudsonaster australis*'.  
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Lepidaster australis* Withers and Keble. P 13807  
 Silurian.  
 Cutting on Yan Yean to Arthur's Creek Road,  $\frac{1}{3}$  mile E. of junction to Doreen,  
 Victoria. Mil. map ref. 178, 660.  
 Paratype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 '*Caractacaster yarraensis*'.
- Palasterina umbonata* Withers and Keble. P 13810  
 Silurian.  
 Near Plenty Ranges, Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 10, fig. 4.
- Petraster angustior* Withers and Keble. P 374  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 12, fig. 4, text fig. 6.

- Petraster angustior* Withers and Keble. P 372  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Paratype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 12, fig. 5.
- Petraster smythi* McCoy. P 7604  
 Upper Silurian (Melbournian).  
 Moonee Ponds Creek, Flemington, Victoria.  
 Holotype.  
 McCoy, F., 1874. *Prod. Pal. Vict.* Dec. 1: p. 41, Pl. 10, fig. 1-1b (figures  
 reversed).  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 12, fig. 2.
- Petraster smythi* McCoy. P 13815  
 Silurian.  
 Kilmore East, Victoria.  
 Hypotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 12, fig. 1 (plasticine cast).
- Phillipsaster selwyni* (McCoy). P 12207-8  
 Silurian.  
 Range on E. side of Commonage, Kilmore, Victoria.  
 Holotype (counterparts, 'syntypes' of Withers and Keble).  
 McCoy, F., 1874. *Prod. Pal. Vict.* Dec. 1: 42-43, Pl. 10, fig. 2-2a (P 12208),  
 fig. 3-3a (P 12207), (figures reversed). '*Urasterella selwyni*'.  
 Chapman, F., 1914. *Australasian Fossils*. 8vo. Melbourne. fig. 77B.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 11, fig. 1 (P 12207), fig. 2 (P 12208). '*Salteraster selwyni*'.  
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Promopalaeaster meridionalis parvior* Withers and Keble. P 13816  
 Upper Silurian (Melbournian).  
 Moonee Ponds Creek, Flemington, Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 10, fig. 5.
- Schuchertia juniori* Withers and Keble. P 13808  
 Lower Devonian (Yeringian).  
 Collins' Quarry, Kinglake West, Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 10, fig. 3.  
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Schuchertia macrarta* Withers and Keble. P 13809  
 Upper Silurian (Melbournian).  
 Hoffman Brick Pit, Brunswick, Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,  
 Pl. 12, fig. 3, text fig. 8.  
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.

## CATALOGUE OF MIDDLE PALAEZOIC TYPES

81

<i>Ulrichaster biradialis</i> (Withers and Keble).	P 352
Silurian.	
Range on E. side of Commonage, Kilmore, Victoria.	
Holotype.	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 46: 220-249, Pl. 11, fig. 5, text fig. 10. 'Salteraster biradialis'.	
Spencer, W. K., 1950. <i>Geol. Mag.</i> 77: 393-408.	
<i>Ulrichaster biradialis</i> (Withers and Keble).	P 355
Silurian.	
Range on E. side of Commonage, Kilmore, Victoria.	
Paratype.	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 46: 220-249, text fig. 9. 'Salteraster biradialis'.	
<i>Urasterella cresswelli</i> Withers and Keble.	P 13817
Lower Devonian (Yeringian).	
Mudstone Quarries, Lilydale, Victoria.	
Holotype.	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 46: 220-249, Pl. 12, fig. 6.	
<i>Yarravaster yarraensis</i> Withers and Keble.	P 377
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype and Paratype (on one slab).	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 46: 220-249, Pl. 10, fig. 1-2, text fig. 2, 4. 'Caractacaster yarraensis'.	
Spencer, W. K., 1950. <i>Geol. Mag.</i> 77: 393-408.	

## Class Crinoidea

<i>Botryocrinus longibrachiatus</i> Chapman.	P 390
Upper Silurian (Melbournian).	
Royal Park, Brunswick, Victoria.	
Lectoholotype.	
Chapman, F., 1903. <i>Proc. Roy. Soc. Vict.</i> 15: 104-122, Pl. 18, fig. 6 (wax cast).	
Bather, F. A., 1906. <i>Ottawa Nat.</i> 20 (5): 93-104.	
<i>Botryocrinus longibrachiatus</i> Chapman.	P 391-2
Upper Silurian (Melbournian).	
Royal Park, Brunswick, Victoria.	
Lectoparatypes.	
Chapman, F., 1903. <i>Proc. Roy. Soc. Vict.</i> 15: 104-122, Pl. 18, fig. 7 (P 392), 8 (P 391 wax cast).	
Bather, F. A., 1906. <i>Ottawa Nat.</i> 20 (5): 93-104.	
Chapman, F., 1914. <i>Australasian Fossils.</i> 8vo. Melbourne. Fig. 76 C (P 392).	
<i>Hapalocrinus victoriae</i> Bather.	P 386
Upper Silurian (Melbournian).	P 10307
Near Princes Bridge, Melbourne, Victoria.	
Holotype (P 386; counterpart P 10307).	
Bather, F. A., 1897. <i>Geol. Mag.</i> Dec. 4 (4): 337-345, Pl. 15 (P 386).	

- Helicocrinus plumosus* Chapman. P 384-5  
 Upper Silurian (Melbournian).  
 Quarry between Albert and Victoria Streets, West Brunswick, Victoria.  
 Holotype (P 384, fragmentary counterpart P 385). Type species of genus.  
 Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 15: 104-122, Pl. 17 (P 384), Pl. 18,  
 fig. 1-3, 5 (P 384) 4 (P 385).  
 Chapman, F., 1914. *Australasian Fossils*. 8vo. Melbourne.  
 Frontispiece (P 384), fig. 76D (P 385).
- Lecanocrinus breviarticulatus* Chapman. P 13897  
 Silurian.  
 Hatton's Corner, Yass, New South Wales.  
 Holotype.  
 Chapman, F., 1934. *Proc. Roy. Soc. Vict.* 47: 190-195, Pl. 10, fig. 1-6.
- Crinoid Columnal* 1. P 14843  
 Silurian (Crotty Quartsite).  
 Sand quarry on Smelter's Ridge, SE. of Zeehan, Tasmania.  
 Figured specimen.  
 Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, Pl. 1, fig.  
 40.
- Crinoid Columnal* 2. P 14822  
 Lower Devonian (Bell Shale).  
 Right bank Little Henty River, 1 mile SE. of Zeehan, Tasmania.  
 Figured specimen.  
 Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, Pl. 1, fig.  
 41.
- Class Ophiuroidea**
- Crepidosoma kinglakensis* Withers and Keble. P 13831  
 Lower Devonian.  
 Collins' Quarry, Kinglake West, Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212,  
 Pl. 11, fig. 3, text fig. 2.
- Crepidosoma kinglakensis* Withers and Keble. P 13832  
 Lower Devonian.  
 Collins' Quarry, Kinglake West, Victoria.  
 Paratype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212,  
 text fig. 3.
- Furcaster kilmorensis* Withers and Keble. P 13829  
 Silurian.  
 Kilmore, Victoria.  
 Holotype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212,  
 Pl. 11, fig. 8, text fig. 6.
- Furcaster kilmorensis* Withers and Keble. P 13830  
 Silurian.  
 Kilmore, Victoria.  
 Paratype.  
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212,  
 text fig. 7.

## CATALOGUE OF MIDDLE PALAEZOIC TYPES

83

<i>Furcaster leptosomoides</i> Chapman.	P 9104
Upper Silurian (Melbournian).	
Moonee Ponds Creek, Flemington, Victoria.	
Holotype.	
Chapman, F., 1907. <i>Proc. Roy. Soc. Vict.</i> 19: 21-27, Pl. 7, fig. 1; Pl. 8, fig. 4. ' <i>Sturtzura leptosomoides</i> '.	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 47: 196-212.	
<i>Furcaster leptosomoides</i> Chapman.	P 9103
Upper Silurian (Melbournian).	
Moonee Ponds Creek, Flemington, Victoria.	
Paratype.	
Chapman, F., 1907. <i>Proc. Roy. Soc. Vict.</i> 19: 21-27, Pl. 7, fig. 2. ' <i>Sturtzura leptosomoides</i> '.	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 47: 196-212.	
<i>Gregoriura spryi</i> Chapman.	P 9105
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype.	
Chapman, F., 1907. <i>Proc. Roy. Soc. Vict.</i> 19: 21-27, Pl. 6, fig. 1, text fig. Pl. 8, fig. 1, 3.	
Chapman, F., 1914. <i>Australasian Fossils</i> . 8vo. Melbourne. Fig. 79.	
<i>Lapworthura miltoni</i> Salter.	P 13833
Lower Devonian.	
Collins' Quarry, Kinglake West, Victoria.	
Hypotype.	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 47: 196-212, Pl. 11, fig. 4.	
<i>Sturtzura brisingoides</i> (Gregory).	P 368
Upper Silurian (Melbournian).	
Flemington, Victoria.	
Hypotype.	
Chapman, F., 1907. <i>Proc. Roy. Soc. Vict.</i> 19: 21-27, Pl. 6, fig. 2; Pl. 8, fig. 2. ' <i>Protaster brisingoides</i> '.	
Chapman, F., 1914. <i>Australasian Fossils</i> . 8vo. Melbourne. Fig. 78.	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 47: 196-212.	
<i>Taeniactis yeringae</i> Withers and Keble.	P 13827
Lower Devonian.	
Section 12, Parish of Yering, Victoria.	
Holotype.	
Withers, R. B., and Keble, R. A., 1934. <i>Proc. Roy. Soc. Vict.</i> 47: 196-212, text fig. 1.	

## Class Cephalopoda

<i>Danaoceras (?) bindiense</i> Teichert.	P 1293
Middle Devonian.	
Bindi, Gippsland, Victoria.	
Holotype.	
Teichert, C., 1940. <i>J. Roy. Soc. W.A.</i> 26: 59-67, Pl. 1, fig. 1; Pl. 4, fig. 10, 12.	

- Geisonocerina australis* (Chapman). P 12885-6  
 Silurian.  
 1½ Miles SW. of Kelly's Hill, Yarra Track, Wood's Point, Victoria.  
 Holotype (P 12885; counterpart P 12886).  
 Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3 (2): 232-233, Pl. 38, fig. 3-4.  
*'Cycloceras tenuianulatum* var. *australis*.'  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752.
- '*Kionoceras striato-punctatum* (Münster).' P 12124  
 Lower Devonian.  
 Reefton, near Warburton, Victoria.  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 28-29, Pl. 57, fig. 7.  
*'Orthoceras striato-punctatum.'*  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Kionoceras* sp. nov.
- '*Kionoceras striato-punctatum* (Münster).' P 12125  
 Lower Devonian.  
 McMahon's Creek, Upper Yarra, Victoria.  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 28-29, Pl. 57, fig. 7a.  
*'Orthoceras striato-punctatum.'*  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Kionoceras* sp. nov.
- '*Kionoceras striato-punctatum* (Münster).' P 12126  
 Lower Devonian.  
 McMahon's Creek, Upper Yarra, Victoria.  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 28-29, Pl. 57, fig. 8.  
*'Orthoceras striato-punctatum.'*  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Kionoceras* sp. nov.
- '*Orthoceras (Cycloceras) idex* (Sowerby).' P 12121  
 Silurian.  
 Kilmore Creek, N. of the Special Survey, (Bb 20) Victoria.  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 25-26, Pl. 57, fig. 1-1a (figures reversed).  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Dawsonoceras?* sp. indet.
- '*Orthoceras (Cycloceras) ibex* (Sowerby).' P 12122  
 Silurian.  
 Specimen marked A1, (probably Moonee Ponds Ck, Victoria).  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 25-26, Pl. 57, fig. 2 (figure reversed).  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Dawsonoceras?* sp. indet.

- '*Orthoceras bullatum* Sowerby.' P 12127  
 Upper Silurian (Melbournian).  
 Johnston Street, Collingwood, Victoria.  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 26-27, Pl. 57, fig. 4-4b (figures reversed).  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. Gen. et sp. indet.
- '*Orthoceras bullatum* Sowerby.' P 12129  
 Silurian.  
 Hills in township of Whittlesea (B12), Parish of Toorourrong, Victoria.  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 26-27, Pl. 57, fig. 3-3b (figures reversed).  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. Gen. et sp. indet.
- '*Orthoceras capillosum* Barrande.' P 12123  
 Silurian.  
 Broadhurst's Creek, E. of Kilmore, Victoria.  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 27, Pl. 57, fig. 5-5b (figures reversed).  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. Gen. et sp. indet.
- '*Orthoceras lineare* Münster.' P 12128  
 Lower Devonian.  
 Junction of Woori Yallock Creek and Yarra River, Victoria.  
 Hypotype.  
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 28, Pl. 57, fig. 6-6b.  
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 35. Orthoceracone indet.  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. Gen. et sp. indet.
- Pectinoceras subtrigonum* (McCoy). P 1290  
 Middle Devonian.  
 Buchan, Victoria.  
 Holotype.  
 McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 4: 16-17, Pl. 35, fig. 6-6b.  
*'Phragmoceras subtrigonum.'*  
 Teichert, C., 1940. *J. Roy. Soc. W.A.* 26: 59-67, Pl. 3, fig. 7-9.  
*'Danaoceras subtrigonum.'*  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752.
- Pectinoceras subtrigonum* (McCoy). Slide P 1291  
 Middle Devonian.  
 Buchan, Victoria.  
 Tectohypotype.  
 Teichert, C., 1940. *J. Roy. Soc. W.A.* 26: 59-67, Pl. 4, fig. 11.  
*'Danaoceras subtrigonum'*  
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752.

<i>Pectinoceras subtrigonum</i> McCoy.	P 15373
Middle Devonian.	
Buchan, Victoria.	
Hypotype.	
Teichert, C., 1940. <i>J. Roy. Soc. W.A.</i> 26: 59-67, text fig. 2.	
' <i>Danaoceras subtrigonum</i> '	
Teichert, C., and Glenister, B. F., 1952. <i>J. Paleont.</i> 26: 730-752.	P 12936
'? <i>Protophragmoceras</i> sp.'	Slide P 12937 P 21778
Lower Devonian.	
Griffith's Quarry, Loyola, Victoria.	
Figured specimen.	
Chapman, F., 1914. <i>Rec. Geol. Surv. Vict.</i> 3 (3): 312, Pl. 61, fig. 38-39 (P 12936).	
Teichert, C., and Glenister, B. F., 1952. <i>J. Paleont.</i> 26: 730-752.	
'After a study of the object itself we are not convinced of its cephalopod, or indeed fossil, nature.'	
<b>Class Lamellibranchiata</b>	
<i>Actinodesma</i> cf. <i>amphibia</i> (Phillips).	P 2267
Lower Devonian (Yeringian).	
North of Lilydale, Victoria.	
Figured specimen (external mould).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 87.	
<i>Actinopteria boydi</i> (Conrad).	P 7933-4
Lower Devonian (Yeringian).	
Wilson's Quarry, near Lilydale, Victoria.	
Hypotype (steinkern P 7933; external mould P 7934).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 69 (P 7933).	
<i>Actinopteria boydi</i> Conrad.	P 7935
Lower Devonian (Yeringian).	
Croydon, Victoria — Kilsyth (Gill 1940).	
Hypotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 5, fig. 70.	P 7936
<i>Actinopteria asperula croydonensis</i> Chapman.	P 22545
Lower Devonian (Yeringian).	
'Croydon, Victoria' — Kilsyth.	
Holotype (steinkern P 7936; fragment of external mould P 22545) of sub-species.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 5, fig. 71 (P 7936).	
<i>Actinopteria heathcotensis</i> Chapman.	P 7938
Silurian or Lower Devonian.	
East of Heathcote, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 5, fig. 73.	

## CATALOGUE OF MIDDLE PALAEZOIC TYPES

87

<i>Actinopteria</i> cf. <i>sowerbii</i> (McCoy).	P 7937
Upper Silurian or Lower Devonian.	
Reefton, near Warburton, Victoria.	
Figured specimen (external mould).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 5, fig. 72 (of wax impression).	
<i>Actinopteria texturata</i> (Phillips).	P 2264
Lower Devonian (Yeringian).	
North of Lilydale, Victoria.	
Hypotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 68-68A.	
<i>Ambonychia acuticostata</i> McCoy.	P 2268
Lower Devonian (Yeringian).	
Cave Hill, Lilydale, Victoria.	
Hypotype.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 66.	
' <i>Ambonychia tatei</i> Cresswell.'	P 2269
Lower Devonian (Yeringian).	
Cave Hill, Lilydale, Victoria.	
Holotype.	
Cresswell, A. W., 1893. <i>Proc. Roy. Soc. Vict.</i> 5: 38-44, Pl. 9, fig. 8.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 60. This author states 'There is very little doubt that the imperfect valve figured under the name of <i>Ambonychia tatei</i> by the Rev. A. W. Cresswell is an example of <i>Pterinea lineata</i> Goldfuss'.	
<i>Aviculopecten spryi</i> Chapman.	P 7940
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype (external mould).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 49-50, Pl. 5, fig. 75.	
<i>Cardiola cornucopiae</i> (Goldfuss).	P 978
Upper Silurian (Melbournian).	
Royal Park = Moonee Ponds Creek, Flemington, Victoria.	
Hypotype.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 12.	
<i>Cardiola cornucopiae</i> (Goldfuss).	P 7878
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Hypotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 11.	
<i>Conocardium bellulum</i> Cresswell.	
see <i>Conocardium cresswelli</i> Talent and Philip.	
<i>Conocardium costatum</i> Cresswell.	P 910
Lower Devonian (Yeringian).	
Cave Hill, Lilydale, Victoria.	
Holotype.	
Cresswell, A. W., 1893. <i>Proc. Roy. Soc. Vict.</i> 5: 38-44, Pl. 9, fig. 5.	
' <i>Pleurorhynchus (Conocardium) costatus</i> '.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62.	
Fletcher, H. O., 1943. <i>Rec. Aust. Mus.</i> 21 (4): 231-243, Pl. 13, fig. 1-2.	

<i>Conocardium cresswelli</i> Talent and Philip.	P 911
Lower Devonian (Yeringian).	
Cave Hill, Lilydale, Victoria.	
Holotype.	
Cresswell, A. W., 1893. <i>Proc. Roy. Soc. Vict.</i> 5: 38-44, Pl. 9, fig. 6.	
' <i>Pleurorhynchus (Conocardium) bellulus</i> '.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62.	
<i>Conocardium bellulum</i> .	
Fletcher, H. O., 1943. <i>Rec. Aust. Mus.</i> 21 (4): 231-243, Pl. 13, fig. 3-4.	
' <i>Conocardium bellulum</i> '.	
Talent, J. A., and Philip, G. M., 1955. <i>Proc. Roy. Soc. Vict.</i> 68: 2-71.	
<i>Ctenodonta portlocki</i> Chapman.	P 7883
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 18.	
	P 7884
<i>Ctenodonta portlocki</i> Chapman.	P 22546
Lower Devonian (Yeringian).	
Wilson's Station near Lilydale, Victoria.	
Paratype (steinkern P 7884; external mould P 22546).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 17 (P 7884).	
<i>Ctenodonta portlocki</i> Chapman.	P 7885
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Paratype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 19.	
<i>Ctenodonta portlocki</i> Chapman.	P 7886
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Paratype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 20.	
<i>Ctenodonta (Praectenodonta) raricostae</i> (Chapman).	P 17418
Lower Devonian (Yeringian).	
Killara Tunnel, Killara, Victoria.	
Hypotype (external mould of both valves).	
Philip, G. M., 1962. <i>Proc. Roy. Soc. Vict.</i> 75: 123-244, Pl. 29, fig. 11, 17.	
<i>Cypricardinia contexta</i> Barrande.	P 2241-2
Lower Devonian (Yeringian).	
Yering, Victoria.	
Hypotype (steinkern, left valve, P 2242; external mould, P 2241).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 84 (P 2242).	
<i>Cypricardinia contexta</i> Barrande.	P 7946
Lower Devonian (Yeringian).	
Croydon, Victoria = Kilsyth.	
Hypotype (steinkern, right valve).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 82-83.	

## CATALOGUE OF MIDDLE PALAEZOIC TYPES

89

<i>Edmondia perobliqua</i> Chapman.	P 7876
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 7.	
<i>Edmondia perobliqua</i> Chapman.	P 2239
Upper Silurian (Melbournian).	
Domain Road sewer, South Yarra, Victoria.	
Paratype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 9.	
<i>Edmondia perobliqua</i> Chapman.	P 7877
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Paratype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 8.	
<i>Glossites victoriae</i> Chapman.	P 7944
Lower Devonian (Yeringian).	
'Croydon, Victoria' = Kilsyth.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 79.	
<i>Goniophora australis</i> Chapman.	P 989
Lower Devonian (Yeringian).	
North of Lilydale, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 80.	
<i>Goniophora</i> cf. <i>glaucus</i> Hall.	P 7945
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Figured specimen (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> Pl. 6, fig. 81.	
<i>Grammysia abbreviata</i> Chapman.	P 7871
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 2.	
<i>Hercynella killarensis</i> Gill.	P 14524
Lower Devonian (Yeringian).	
Syme's Tunnel, Killara, Victoria.	
Holotype (steinkern).	
Gill, E. D., 1950. <i>Proc. Roy. Soc. Vict.</i> 59: 80-92, Pl. 7, fig. 3.	
Prantl, F., 1960. <i>Paläont. Zeit.</i> 34 (2): 150-153.	
<i>Hercynella victoriae</i> Chapman.	P 12858
Lower Devonian.	
Junction of Woori Yallock Creek and Yarra River, Victoria. G.S.V. B 23.	
Holotype (steinkern).	
Chapman, F., 1916. <i>Proc. Roy. Soc. Vict.</i> 29: 75-103, Pl. 5, fig. 47.	
Gill, E. D., 1950. <i>Proc. Roy. Soc. Vict.</i> 59: 80-92, fig. 1a.	

<i>Hercynella victoriae</i> Chapman.	P 12857
Lower Devonian.	
Junction of Woori Yallock Creek and Yarra River, Victoria. G.S.V. B 23.	
Paratype.	
Chapman, F., 1916. <i>Proc. Roy. Soc. Vict.</i> 29: 75-103, Pl. 5, fig. 48.	
Gill, E. D., 1950. <i>Proc. Roy. Soc. Vict.</i> 59: 80-92.	
<i>Leiopteria cf. oweni</i> Hall.	P 7939
Lower Devonian (Yeringian).	
Kilsyth, Victoria.	
Figured specimen (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 5, fig. 74-74a.	
<i>Leptodomus heathcotiensis</i> Chapman.	P 987
Upper Silurian or Lower Devonian.	
Ranges E. of Heathcote, Victoria, G.S.V. Bb 50.	
Holotype.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 5.	
<i>Leptodomus maccoyianus</i> Chapman.	P 976
Upper Silurian or Lower Devonian.	
Broadhurst's Creek, E. of Kilmore, Victoria, G.S.V. Bb 18.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 4.	
<i>Lunulicardium antistriatum</i> Chapman.	P 2257
Upper Silurian or Lower Devonian.	
McMahon's Creek, Upper Yarra, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 62.	
<i>Lunulicardium antistriatum</i> Chapman.	P 2255
Upper Silurian or Lower Devonian.	
Reefton, near Warburton, Victoria.	
Paratype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 63-63a.	
? <i>Lunulicardium antistriatum</i> Chapman.'	P 2261
Upper Silurian or Lower Devonian.	
Mouth of Starvation Creek, Upper Yarra, Victoria.	
Hypotypes ('young specimens').	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 64-65.	
<i>Modiolopsis nasuta australis</i> Chapman.	P 7943
Upper Silurian (Melbournian).	
Domain Road, South Yarra, Victoria.	
Holotype (steinkern, pair of valves) of subspecies.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 78.	
<i>Modiolopsis complanata</i> (Sowerby).	P 7942
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Hypotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 5, fig. 77.	

## CATALOGUE OF MIDDLE PALAEZOIC TYPES

91

<i>Modiolopsis melbournensis</i> Chapman.	P 7941
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 5, fig. 76-76a.	
<i>Mytilarca acutirostris</i> Chapman.	P 7930
Lower Devonian (Yeringian).	
Junction of Woori Yallock Creek and Yarra River, Victoria, G.S.V. B 23.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 67.	
<i>Nucula opima australis</i> Chapman.	P 7909
Upper Silurian (Melbournian).	
North of Yan Yean, Victoria, G.S.V. Bb 11.	
Holotype of subspecies.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 40.	
<i>Nucula opima australis</i> Chapman.	P 965
Silurian (Melbournian).	
Fraser's, or No. 3 Creek, Springfield, Victoria, G.S.V. Bb 25.	
Paratype of subspecies.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 42.	
<i>Nucula opima australis</i> Chapman.	P 7910
Upper Silurian (Melbournian).	
North of Yan Yean, Victoria, G.S.V. Bb 11.	
Paratype of subspecies.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 39.	
<i>Nucula opima australis</i> Chapman.	P 7911
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Paratype of sub-species.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 41.	
<i>Nucula opima australis</i> Chapman.	P 7912
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Paratype of subspecies.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 43.	
<i>Nucula arcaeformis</i> Chapman.	P 7901
Upper Silurian (Melbournian).	
Domain Road sewer, South Yarra, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 36.	
<i>Nucula lamellata</i> Hall.	P 2243
Upper Silurian (Melbournian).	
Schist Hill, Merri Creek, Victoria, G.S.V. Bb 6.	
Hypotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 46.	
<i>Nucula lamellata</i> Hall.	P 2252
Upper Silurian or Lower Devonian.	
Broadhurst's Creek, E. of Kilmore, Victoria, G.S.V. Bb 18.	
Hypotype (external mould).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 45.	

- Nucula cf. lirata* (Conrad). P 7914  
 Upper Silurian (Melbournian).  
 Yan Yean, Victoria, G.S.V. Bb 14.  
 Figured specimen.  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 44.
- Nucula melbournensis* Chapman. P 7895  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Holotype (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 31.
- Nucula melbournensis* Chapman. P 7896  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Paratype (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 29.
- Nucula ? melbournensis* Chapman. P 7898  
 Upper Silurian (Melbournian).  
 Domain Road, South Yarra, Victoria.  
 Figured specimen (steinkern P 7898 and external mould P 22571 of two valves).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 33-33a.
- Nucula taylori* Chapman. P 7907  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Holotype (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 37.
- Nucula taylori* Chapman. P 7908  
 'Silurian (Melbournian).'  
 Broadhurst's Creek, E. of Kilmore, Victoria. G.S.V. Bb 18.  
 Paratype (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 38 (of wax impression).
- Nucula umbonata* Chapman. P 7899  
 Upper Silurian (Melbournian).  
 Police Paddock, Kilmore, Victoria, G.S.V. B2 22.  
 Holotype (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 34.
- Nucula umbonata* Chapman. P 7900  
 Upper Silurian (Melbournian).  
 South end of Reservoir, Yan Yean, Victoria, G.S.V. Bb 14.  
 Paratype.  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 35 (showing cardinal line and ligament pit).
- Nuculites coarctatus* (Phillips). P 7890  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Hypotype (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 24.

## CATALOGUE OF MIDDLE PALAEZOIC TYPES

93

<i>Nuculites coarctatus</i> (Phillips).	P 7891
‘Silurian (Melbournian).’	
Hills W. of Mount Disappointment, Victoria, G.S.V. Bb 17.	
Hypotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 25.	
<i>Nuculites jutsoni</i> Chapman.	P 7893
Upper Silurian.	
Wandong, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 28.	
<i>Nuculites maccoyianus</i> Chapman.	P 7887
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype (steinkern, two valves).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 21.	
<i>Nuculites maccoyianus</i> Chapman.	P 7888
Lower Devonian (Yeringian).	
Junction of Woori Yallock Creek and Yarra River, Victoria, G.S.V. B23.	
Paratype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 22.	
<i>Nuculites maccoyianus</i> Chapman.	P 7889
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Paratype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 23.	
<i>Nuculites subquadratus</i> Chapman.	P 7892
Upper Silurian (Melbournian).	
North of Yan Yean, Victoria, G.S.V. Bb 11.	
Holotype.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 27-27a.	
<i>Nuculites subquadratus</i> Chapman.	P 977
‘Silurian (Melbournian).’	
West of Mount Disappointment, Victoria, G.S.V. Bb 17.	
Paratype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 2, fig. 26.	
<i>Orthonota australis</i> Chapman.	P 7869
Upper Silurian (Melbournian).	
‘Royal Park’ = Moonee Ponds Creek, Flemington, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 1.	
<i>Palaeanatina</i> cf. <i>solenoides</i> Hall.	P 7875
Upper Silurian (Melbournian).	
South Yarra, Victoria.	
Figured specimen.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 6.	
<i>Palaeoneilo</i> cf. <i>brevis</i> Hall.	P 968
Upper Silurian (Melbournian).	
Merri Creek, sections 2 and 3, Kalkallo, Victoria. G.S.V. Bb 3.	
Figured specimen (external mould).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 55.	

- Palaeoneilo ? constricta* (Conrad). P 7923  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Figured specimen (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 54.
- Palaeoneilo producta* Chapman. P 7921  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Holotype (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 53-53a.
- Palaeoneilo raricostae* Chapman.  
 see *Tancrediopsis raricostae* Chapman. P 7919  
*Palaeoneilo spectabilis* Chapman.  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Holotype (steinkern, pair of valves, only one illustrated).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 51.
- Palaeoneilo spectabilis* Chapman. P 7920  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Paratype (interior of left valve and cardinal area of right valve).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 52.
- Palaeoneilo cf. temnistrigata* Hall. P 967  
 Upper Silurian (Melbournian).  
 Merri Creek, sections 2 and 3, Kalkallo, Victoria, G.S.V. Bb 3.  
 Figured specimen.  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 56 (of wax impression).
- Palaeoneilo victoriae* Chapman. P 7915  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Holotype (steinkern, left valve).  
 Chapman, F., *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 47.
- Palaeoneilo victoriae* Chapman. P 7916  
 Upper Silurian (Melbournian).  
 Yarra Improvement Works, South Yarra, Victoria.  
 Paratype (steinkern).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 48.
- Palaeoneilo victoriae* Chapman. P 7917  
 Upper Silurian (Melbournian).  
 Domain Road sewer, South Yarra, Victoria.  
 Paratype (steinkern, right valve).  
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 49.
- Pulcodora reeftonensis* Fleming. P 16761-2  
 Lower Devonian (Reefton mudstone).  
 Rainy Creek, Reefton, New Zealand.  
 Plastotypes (holotype P 16761; paratype P 16762).  
 Fleming, C. A., 1956. *Trans. Roy. Soc. N.Z.* 84 (4): 943.  
 Fleming, C. A., 1957. *Trans. Roy. Soc. N.Z.* 85 (1): 135-140, Pl. 14, fig. 1-2.

## CATALOGUE OF MIDDLE PALAEZOIC TYPES

95

<i>Panenka cingulata</i> Chapman.	P 2263
Upper Silurian or Lower Devonian.	
McMahon's Creek, Upper Yarra, Victoria.	
Holotype (external mould).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 14 (of wax impression).	
<i>Panenka gippslandica</i> McCoy.	P 7486
Upper Silurian.	
Mount Matlock, Victoria.	
Holotype (steinkern, both valves).	
McCoy, F., 1879. <i>Prod. Pal. Vict.</i> Dec. 6, p. 23, Pl. 56, fig. 1, 1a.	
' <i>Cardium gippslandicum</i> .'	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62.	
<i>Panenka gippslandica</i> McCoy.	P 7488
Upper Silurian or Lower Devonian.	
Four miles above Starvation Creek, Gippsland, Victoria.	
Paratype. P 7487 is associated with this paratype but not figured.	
McCoy, F., 1897. <i>Prod. Pal. Vict.</i> Dec. 6, p. 23, Pl. 56, fig. 2, 2a.	
' <i>Cardium gippslandicum</i> .'	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62.	
<i>Panenka planicosta</i> Chapman.	P 7879
Upper Silurian.	
Mount Matlock, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 13.	
<i>Paracardium filosum</i> Chapman.	P 7881
Upper Silurian or Lower Devonian.	
Starvation Creek, Upper Yarra, Victoria.	
Holotype (external mould).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 15 (of wax impression).	
<i>Paracyclas siluricus</i> Chapman.	P 7947
Upper Silurian or Lower Devonian.	
Ranges E. of Heathcote, Victoria, G.S.V. Bb 50.	
Holotype.	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 85, 85a.	
<i>Paracyclas siluricus heathcotiensis</i> Chapman.	P 988
Upper Silurian or Lower Devonian.	
Ranges E. of Heathcote, Victoria, G.S.V. Bb 50.	
Holotype of subspecies (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 86-86a.	
<i>Parallelodon aequalis</i> Chapman.	P 7924
Upper Silurian (Melbournian).	
Yarra Improvement Works, South Yarra, Victoria.	
Holotype (steinkern).	
Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 57.	

? <i>Parallelodon kilmoriensis</i> Chapman.	P 7925
Upper Silurian. Police Paddock, Kilmore, Victoria, G.S.V. Bb 22. Holotype (steinkern). Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 58.	
? <i>Parallelodon kilmoriensis</i> Chapman.	P 7926
Upper Silurian (Melbournian). Swanston Street sewer, Melbourne, Victoria. Paratype (steinkern). Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 59.	
<i>Parallelodon spryi</i> Chapman.	P 7950
Upper Silurian. Wandong, Victoria. Holotype. Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 3.	
<i>Praelucina ancilla</i> Barrande.	P 7882
Yeringian. Upper Silurian or Lower Devonian. Maindample, near Mansfield, Victoria. Hypotype (right valve). Chapman, F., <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 6, fig. 88-88a (of wax impression).	
<i>Pterinea lineata</i> Goldfuss. see <i>Ambonychia tatei</i> Cresswell.	P 7927
<i>Pterinea lineata</i> Goldfuss.	
Lower Devonian (Yeringian). 'Croydon, Victoria' = Kilsyth. Hypotype (steinkern, left valve). Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 60.	
? <i>Pterinea tenuistriata</i> McCoy.	P 7928
Upper Silurian (Melbournian). Yarra Improvement Works, South Yarra, Victoria. Hypotype (external mould). Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 4, fig. 61.	
<i>Sphenotus warburtonensis</i> Chapman.	P 2240
Upper Silurian or Lower Devonian. Reefton, near Warburton, Victoria. Holotype (steinkern). Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 1, fig. 10.	
<i>Tancrediopsis raricostae</i> Chapman.	P 7918
Lower Devonian (Yeringian). Junction of Woori Yallock Creek and Yarra River, Victoria, G.S.V. B 23. Holotype (steinkern, left valve). Chapman, F., 1908. <i>Mem. Nat. Mus. Melb.</i> 2: 5-62, Pl. 3, fig. 50. <i>Palaeoneilo raricostae</i> . Gill, E. D., 1949. <i>Mem. Nat. Mus. Melb.</i> 16: 91-114, Pl. 3, fig. 11.	